

Notice of Allowability

Application No.

09/825,298

Examiner

GEORGE L. OPIE

Applicant(s)

KAPPEL ET AL.

Art Unit

2194

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's amendments on 16 March 2006.
2. ☒ The allowed claim(s) is/are 21,22, 24, 27, 28, and 30 (now renumbered as 1-6).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


WILLIAM THOMSON
SUPERVISORY PATENT EXAMINER

Examiner's Amendment

An examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 C.F.R. 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the Issue Fee.

Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably **accompany** the Issue Fee.

Authorization for this Amendment was given by Applicant's representative, Mr. Harry E. Moose, Jr. (Reg. No. 51,277) in a telephone call on 16 March 2006.

The claims have been amended as specified in the attached listing of claims.

Contact Information:

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system.

Status information for published applications may be obtained from either Private-PAIR or Public-PAIR.

Status information for unpublished applications is available through Private-PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>.

Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

The Official fax number (571) 273-8300 should be used for any and all facsimile submissions to the Office.

Hand carried responses should be delivered to the *Customer Service Window* (Randolph Building, 401 Dulany Street, Alexandria, Virginia 22314).

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All responses sent by U.S. Mail should be mailed to:

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist at **(571) 272-2100**.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to George Opie at 571-272-3766 or via e-mail at *George.Opie@uspto.gov*. Internet e-mail should not be used where sensitive data will be exchanged or where there exists a possibility that sensitive data could be identified unless there is an express waiver of the confidentiality requirements under 35 U.S.C. 122 by the Applicant. Sensitive data includes confidential information related to patent applications.


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SUPERVISORY PATENT EXAMINER

21. (Currently Amended) A method for providing exception handling for a computer program, said method comprising the steps of:

establishing a plurality of classes of exception types, said plurality of exception types including application exceptions, system exceptions and validation exceptions;

providing an exception dictionary used to list instances of each exception type;

throwing an exception;

identifying an exception type for the exception using the exception dictionary, wherein the identified exception type is one of an application exception, a system exception and a validation exception; and

providing an exception notice for the exception;

determining in said identifying step that the exception is a validation exception;

continuing processing of a current module in the computer program; and

interfacing the exception handling features to a client/server system using an interface definition language, wherein the interface definition language clears a set of operations, exceptions and attributes operating within the client/server system.

22. (Previously Presented) The method of claim 21, further comprising a step of capturing the exception.

23. (Cancel)

24. (Previously Presented) The method of claim 21, further comprising the steps of:

determining in said identifying step that the exception is not a validation exception; and

propagating the exception to a central place for handling.

25. (Cancel)

26. (Cancel)

27. (Currently Amended) A system for providing exception handling for a computer program, comprising:

a class creator that establishes a plurality of classes of exception types, said plurality of exception types including application exceptions, system exceptions and validation exceptions;

an exception dictionary used to list instances of each exception type;

an exception determination mechanism that identifies an exception type for an exception using the exception dictionary, wherein the identified exception type is one of an application exception, a system exception and a validation exception; and

an exception notice generator that generates an exception notice for the exception;

a processing mechanism that continues processing of a current module in the computer program when said exception determination mechanism identifies the exception type to be a validation exception; and

an interface definition language for specifying the interface of the exception handling system in a client/server system wherein said interface definition language clears a set of operations, exceptions and attributes operating within the client/server system

28. (Previously Presented) The system of claim 27, further comprising an exception capture mechanism that captures an exception.


29. (Cancel)

30. (Previously Presented) The system of claim 27, further comprising a processing mechanism that propagates the exception to a central place for

handling when said exception determination mechanism identifies the exception type to be an exception other than a validation exception.

31. (Cancel)

32. (Cancel)


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